

**SAF-B00-004**  
**Industrial Hygiene Sampling – Airborne**  
**FINAL DATA**

**E:MAIL RESULTS TO:**

Denise Pitts

N/A  
INITIAL/DATE**COMPLETE COPY OF DATA PACKAGE TO:**

Denise Pitts

X2-09

(D) 4.13.04  
INITIAL/DATE**COMMENTS: (PLEASE INCLUDE THE FOLLOWING ON THE FAX COVER SHEET)**

SDG

20040431

SAF-B00-004

Rad only

☒

Chem only

Rad &amp; Chem

☒ Complete

Partial

**Analysis canceled per SDR BS04-035 due to heavy particulate**

**RECEIVED**  
APR 27 2004  
**EDMC**

# WSCF ANALYTICAL LABORATORY REPORT

Asbestos - Fiber Count

for

Bechtel Hanford, Inc.  
MSIN: H9-02  
Richland, WA 99352

Attention: J. Kessner MSIN: H9-02

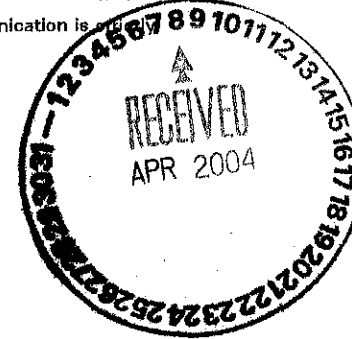
Survey ID J016R4-J016R7

Data Validator

*MK Hamilton*

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Group#: 20040431  
Report Date 6-apr-2004

w\_0007/rev.6.3

Fluor Hanford, Inc.  
MSIN: S3-28  
Richland, WA 99352

Phone 373-7403

# WSCF

## ANALYTICAL LABORATORY REPORT

**Attention:**

J. Kessner MSIN: H9-02

Bechtel Hanford, Inc.

**Group #:** 20040431

Sample #	Client ID	Test Performed	Matrix	Reported Air Vol.(L)	Fibers/ RG Field	RG Result	Units	RDL	Analyst	Sampled	Received	Analyzed
W041001395	J016R4	Airborne Fiber Conc.	FILTER	N/A	N/A	VOID	fibers/cm3	3 fibers	mkg	03/15/04	03/16/04	03/17/04
W041001396	J016R5	Airborne Fiber Conc.	FILTER	N/A	N/A	VOID	fibers/cm3	3 fibers	mkg	03/15/04	03/16/04	03/17/04
W041001397	J016R6	Airborne Fiber Conc.	FILTER	937	N/A	VOID	fibers/cm3	3 fibers	mkg	03/15/04	03/16/04	03/17/04
W041001398	J016R7	Airborne Fiber Conc.	FILTER	941	N/A	VOID	fibers/cm3	3 fibers	mkg	03/15/04	03/16/04	03/17/04

**RDL=Reporting Detection Limit**  
**RG = Result Range**

Method LA-519-402 which was used is based on the approved NIOSH Analytical Method 7400, Rev. 4, Aug 1994.  
The method does not distinguish between asbestos and non-asbestos fibers but uses 400-power phase contrast microscopy to count all particles with an overall length exceeding 5 microns and a length-to-width ratio of 3:1 or greater.  
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\* - Indicates results that have NOT been validated.

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The quality control data for calendar year 2004 is as follows:

Fibers/Field	Sr value
<= 0.03	1.00
> 0.03 - 0.20	0.26
> 0.20 - 0.50	0.20
> 0.50 - 1.0	0.17
> 1.0	0.14

# WSCF

## ANALYTICAL COMMENT REPORT

Attention: J. Kessner MSIN: H9-02

Group #: 20040431

Sample #	Client ID	Lab Area	Test	Comment
		VALGROUP		Results have not been corrected for lab or field blanks unless otherwise noted in the Analytical Comment Report. Validated 4/6/04 by MK Hamilton, IH QA Coordinator.
W04I001395	J016R4	TESTDATA	Airborne	SAMPLES VOIDED DUE TO PARTICULATE OVERLOADS, SAMPLES NOT ANALYZED.
W04I001396	J016R5	TESTDATA	Airborne	SAMPLES VOIDED DUE TO PARTICULATE OVERLOAD, BLANKS NOT ANALYZED.
W04I001397	J016R6	TESTDATA	Airborne	SAMPLE VOID DUE TO PARTICULATE OVERLOAD.
W04I001398	J016R7	LOGSAMP		Received by V. Sims and logged by SD Bolling 3/16/04.
				Samples acceptable upon receipt. MEDIA: 25 mm 8 um MCE filters
		TESTDATA	Airborne	SAMPLE VOID DUE TO PARTICULATE OVERLOAD.

Lab Areas: VALGROUP - Group Validation  
LOGSAMP - Login for Sample

VALTEST - Test Validation  
LOGTEST - Login for Tests

TESTDATA - Test Data Entry

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2004 0431

[illegible]

# ERC/INDUSTRIAL HYGIENE CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

SIGN / PRINT NAMES / USE MILITARY TIME

Relinquished By/Stored:	DATE / TIME	Received By/Stored:	DATE / TIME
<i>W/H</i> <i>Kenn Gustafson</i>	<i>3/15/04 1830</i>	<i>MO-425/426 Locked Rm #4</i>	<i>3/15/04 1830</i>
Relinquished By/Stored:	DATE / TIME	Received By/Stored:	DATE / TIME
<i>Michael Ware / M. Ware</i>	<i>3-16-04 1010</i>	<i>SJ GALE / M. Ware</i>	<i>3-16-04 1010</i>
<i>MO-425/426 Locked Rm. 4</i>			
Relinquished By/Stored:	DATE / TIME	Received By/Stored:	DATE / TIME
<i>SJ GALE / M. Ware</i>	<i>3-16-04 1040</i>	<i>FLUGR</i>	
		<i>Victor Sims / M. Ware</i>	<i>3/16/04 10:40</i>
Relinquished By/Stored:	DATE / TIME	Received By/Stored:	DATE / TIME
<i>Victor Sims / M. Ware</i>	<i>3/16/04 1250</i>	<i>SO Bolling / Sherry DBolling</i>	<i>3/16/04 1250</i>
Relinquished By/Stored:	DATE / TIME	Received By/Stored:	DATE / TIME
<i>SO Bolling / Sherry DBolling</i>	<i>3/16/04 1255</i>	<i>N2A Storage</i>	
Relinquished By/Stored:	DATE / TIME	Received By/Stored:	DATE / TIME
<i>prep for analysis</i>		<i>MKG Grant / MK Grant</i>	<i>3-17-04 0855</i>
Relinquished By/Stored:	DATE / TIME	Received By/Stored:	DATE / TIME
Relinquished By/Stored:	DATE / TIME	Received By/Stored:	DATE / TIME
Relinquished By/Stored:	DATE / TIME	Received By/Stored:	DATE / TIME
Relinquished By/Stored:	DATE / TIME	Received By/Stored:	DATE / TIME
Relinquished By/Stored:	DATE / TIME	Received By/Stored:	DATE / TIME
LABORATORY SECTION	Received By	Title	DATE / TIME
	<i>SO Bolling / Sherry DBolling</i>	<i>IH Technical Mgr.</i>	<i>3/16/04 1250</i>

Remaining filter stored at WSCF fiber count lab for at least 3 months, then discarded at trash.

REVIEWED BY:

PRINT/SIGN NAME

DATE: